

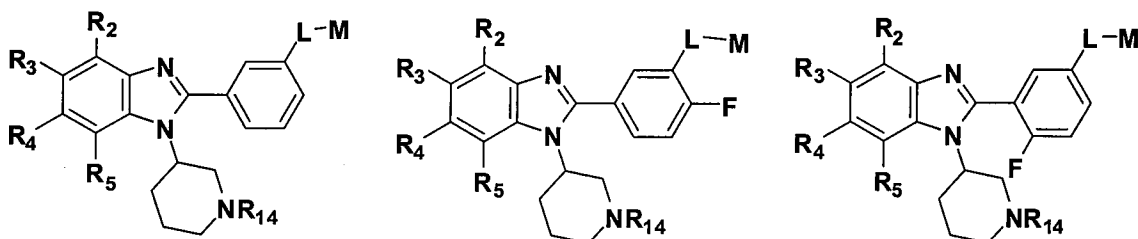
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing Of Claims

1-108. (Cancelled)

109. (Currently amended) A compound ~~comprising~~ consisting of the formula



wherein

R₂, R₃, R₄, and R₅ are each independently selected from the group consisting of hydrogen, halo, alkyl, alkoxy, aryl, heteroaryl, aminosulfonyl, alkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, aryloxy, heteroaryloxy, arylalkyl, heteroarylalkyl, amino, thio, cyano, nitro, and a carbonyl group, each substituted or unsubstituted;

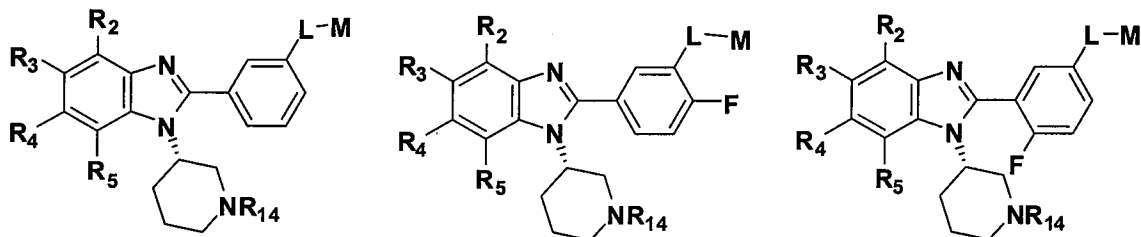
R₁₄ is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, aryl, heteroaryl, aminosulfonyl, alkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, aryloxy, heteroaryloxy, arylalkyl, heteroarylalkyl, amino, and a carbonyl group, each substituted or unsubstituted, or R₁₄ is a substituent that is convertible *in vivo* to hydrogen;

~~M is a substituent capable of complexing with a deacetylase catalytic site and/or a metal ion;~~

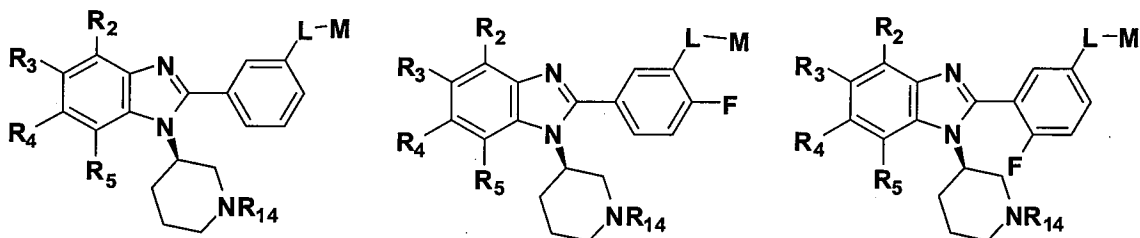
M is selected from the group consisting of trifluoroacetyl (-C(O)-CF₃), -NH-P(O)OH-CH₃, sulfonamides (-SO₂NH₂), hydroxysulfonamides (-SO₂NHOH), thiols(-SH), and carbonyl groups having the formula -C(O)-R₁₃ wherein R₁₃ is hydroxylamino, hydroxyl, amino, alkylamino, and an alkoxy group, each substituted or unsubstituted; and

L is a substituent providing between 0-10 atoms separation between the M substituent and the remainder of the compound.

110. (Currently amended) [[A]] The compound according to claim 109, wherein the compound ~~comprises~~ consists of a formula selected from the group consisting of



111. (Currently amended) [[A]] The compound according to claim 109, wherein the compound ~~comprises~~ consists of a formula selected from the group consisting of



112. (Currently amended) [[A]] The compound according to claim 109, wherein R₁₄ ~~comprises a member~~ is selected from the group consisting of hydrogen and a substituent that is convertible *in vivo* to hydrogen.

113. (Currently amended) [[A]] The compound according to claim 109, wherein R₁₄ is a substituted or unsubstituted C₁₋₆ alkyl.

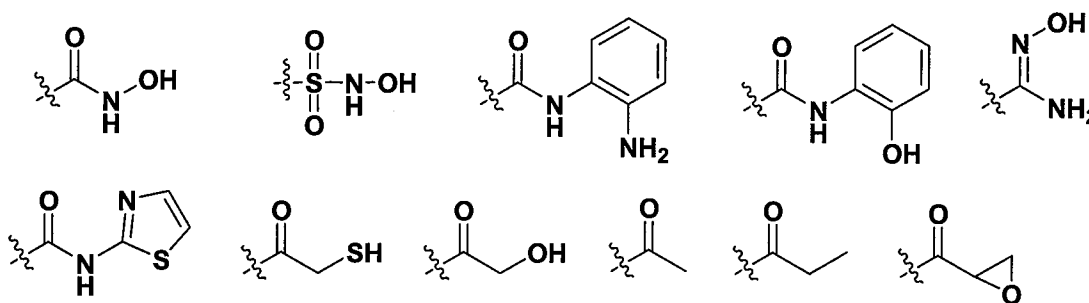
114. (Currently amended) [[A]] The compound according to claim 109, wherein R₁₄ is a substituted or unsubstituted -C(O)C₁₋₆ alkyl.

115. (Currently amended) ~~[[A]]~~The compound according to claim 109, wherein R₁₄ is selected from the group consisting of H, methyl, ethyl, propyl, isopropyl, butyl, acetyl, and BOC.

116. (Currently amended) ~~[[A]]~~The compound according to claim 109, wherein at least one of R₂, R₃, R₄, or R₅ is fluoro.

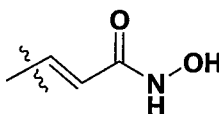
117. (Cancelled)

118. (Currently amended) ~~[[A]]~~The compound according to claim 109, wherein M is selected from the group consisting of:



119. (Currently amended) ~~[[A]]~~The compound according to claim 109, wherein M ~~comprises~~ is a hydroxamic acid moiety.

120. (Currently amended) ~~[[A]]~~The compound according to claim 109, wherein -L-M is

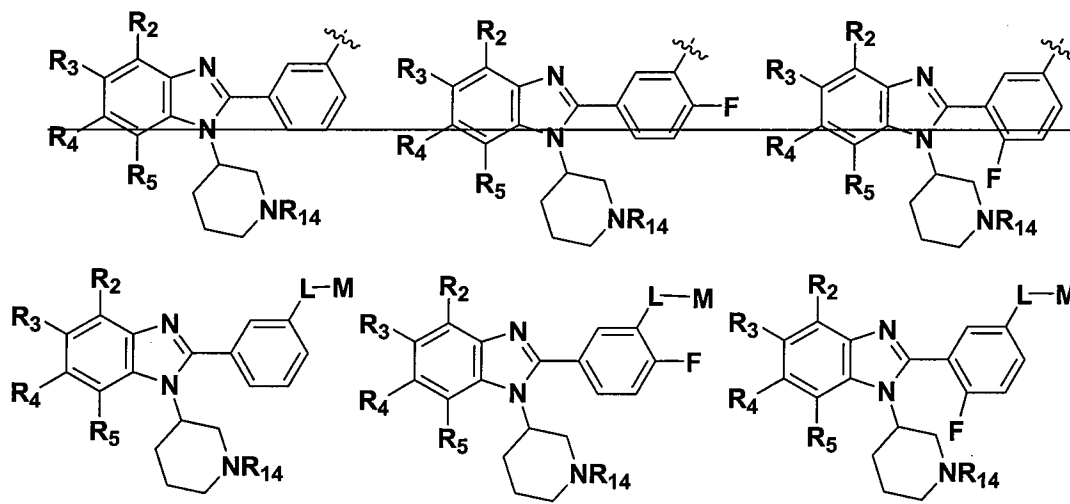


121. (Currently amended) A compound ~~comprising~~ consisting of the formula:



wherein

~~Z-Q is selected from the group consisting of~~



wherein

R₂, R₃, R₄, and R₅ are each independently selected from the group consisting of hydrogen, halo, (C₁₋₁₀)alkyl, (C₁₋₁₀)alkoxy, (C₅₋₁₂)aryl, hetero(C₅₋₁₂)aryl, aminosulfonyl, (C₁₋₁₀)alkylsulfonyl, (C₅₋₁₂)arylsulfonyl, hetero(C₂₋₁₀)arylsulfonyl, (C₅₋₁₂)aryloxy, hetero(C₅₋₁₂)aryloxy, (C₅₋₁₂)arylalkyl, hetero(C₂₋₁₀)arylalkyl, amino, thio, cyano, nitro, and a carbonyl group, alkyl, alkoxy, aryl, heteroaryl, cyano and nitro, each substituted or unsubstituted;

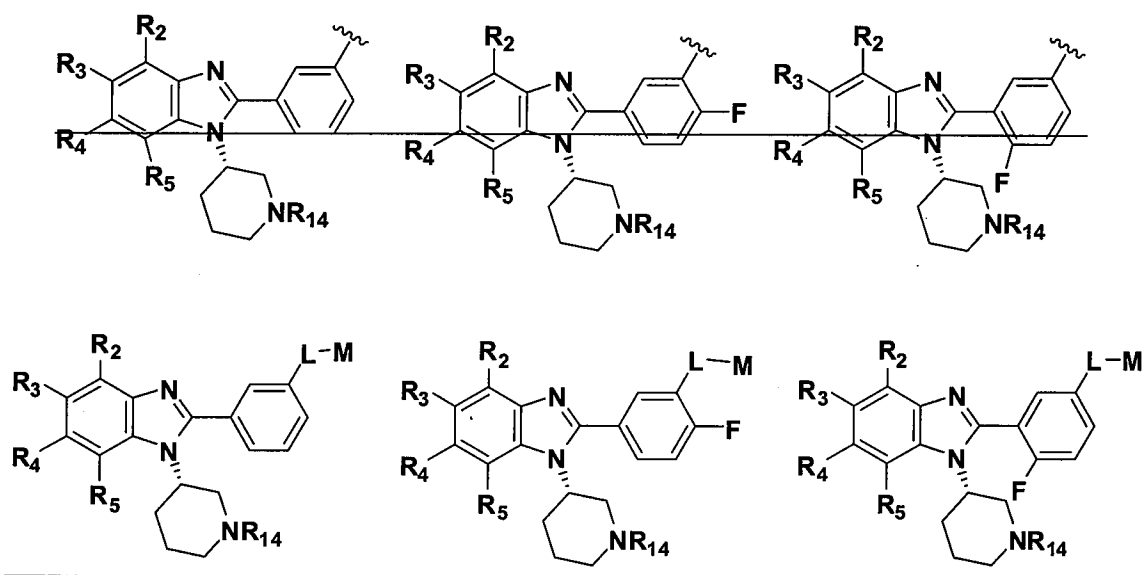
R₁₄ is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, aryl, heteroaryl, aminosulfonyl, alkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, aryloxy, heteroaryloxy, arylalkyl, heteroarylalkyl, amino, and a carbonyl group, each substituted or unsubstituted, or R₁₄ is a substituent that is convertible *in vivo* to hydrogen;

~~M is a substituent capable of complexing with a deacetylase catalytic site and/or a metal ion;~~

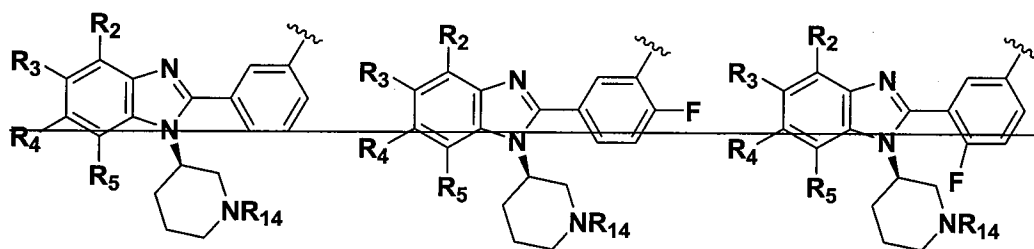
M is selected from the group consisting of trifluoroacetyl (-C(O)-CF₃), -NH-P(O)OH-CH₃, sulfonamides (-SO₂NH₂), hydroxysulfonamides (-SO₂NHOH), thiols(-SH), and carbonyl groups having the formula -C(O)-R₁₃ wherein R₁₃ is hydroxylamino, hydroxyl, amino, alkylamino, and an alkoxy group, each substituted or unsubstituted; and

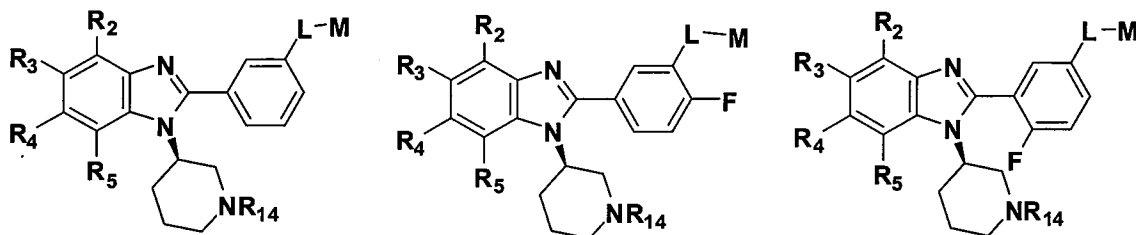
L is a substituent providing between 2-10 atoms separation between the M substituent and the ~~Q~~-substituent the remainder of the compound.

122. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein the compound ~~comprises~~ consists of a formula selected from the group consisting of



123. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein the compound ~~comprises~~ consists of a formula selected from the group consisting of





124. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein R₁₄ ~~comprises~~
~~a member~~ is selected from the group consisting of hydrogen and a substituent that is convertible
in vivo to hydrogen.

125. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein R₁₄ is a
substituted or unsubstituted C₁₋₆ alkyl.

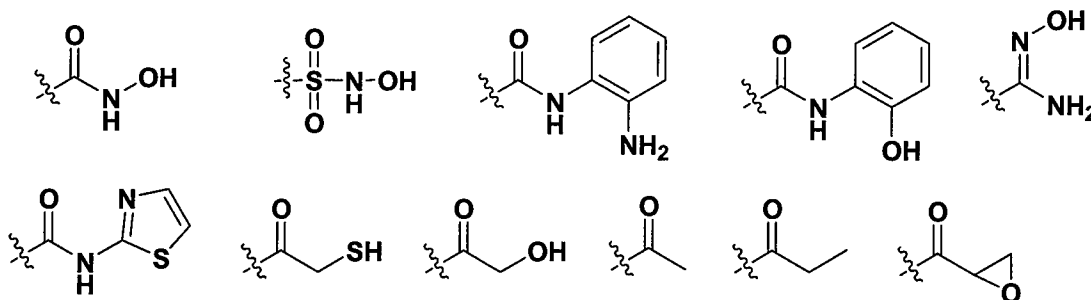
126. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein R₁₄ is a
substituted or unsubstituted -C(O)C₁₋₆ alkyl.

127. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein R₁₄ is
selected from the group consisting of H, methyl, ethyl, propyl, isopropyl, butyl, acetyl, and BOC.

128. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein at least one of
R₂, R₃, R₄, or R₅ is fluoro.

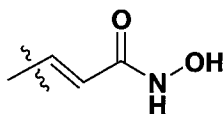
129. (Cancelled)

130. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein M is selected from the group consisting of:



131. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein M ~~comprises~~ is a hydroxamic acid moiety.

132. (Currently amended) ~~[[A]]~~The compound according to claim 121, wherein -L-M is

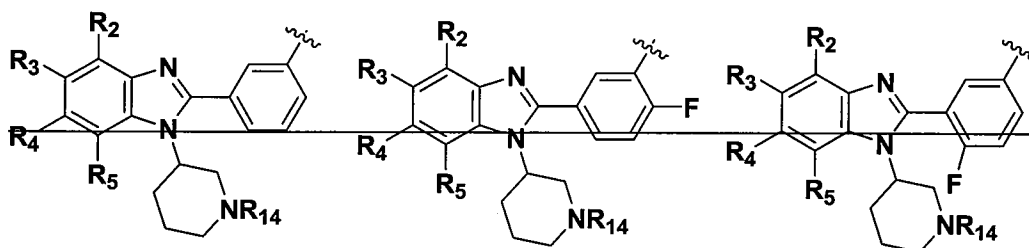


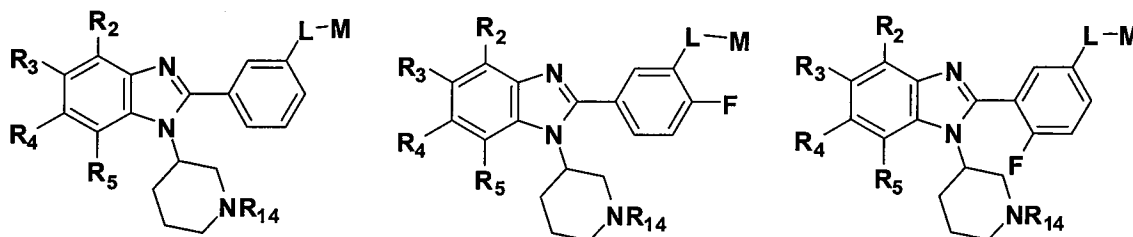
133. (Currently amended) A compound ~~comprising~~ consisting of the formula:



wherein

~~Z-Q is selected from the group consisting of~~



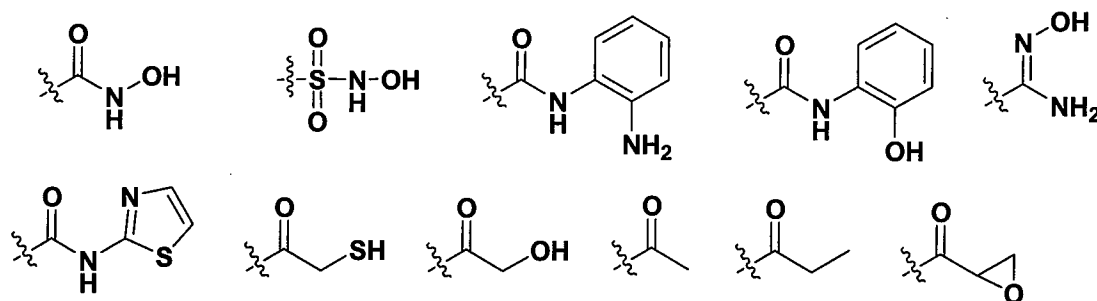


wherein

R_2 , R_3 , R_4 , and R_5 are each independently selected from the group consisting of hydrogen, halo, alkyl, alkoxy, aryl, (C_{1-10}) alkyl, (C_{1-10}) alkoxy, (C_{5-12}) aryl, (C_{5-12}) heteroaryl, cyano, and nitro, each substituted or unsubstituted;

R_{14} is selected from the group consisting of hydrogen, halo, alkyl, alkoxy, aryl, heteroaryl, aminosulfonyl, alkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, aryloxy, heteroaryloxy, arylalkyl, heteroarylalkyl, amino, and a carbonyl group, each substituted or unsubstituted, or R_{14} is a substituent that is convertible *in vivo* to hydrogen;

M is selected from the group consisting of

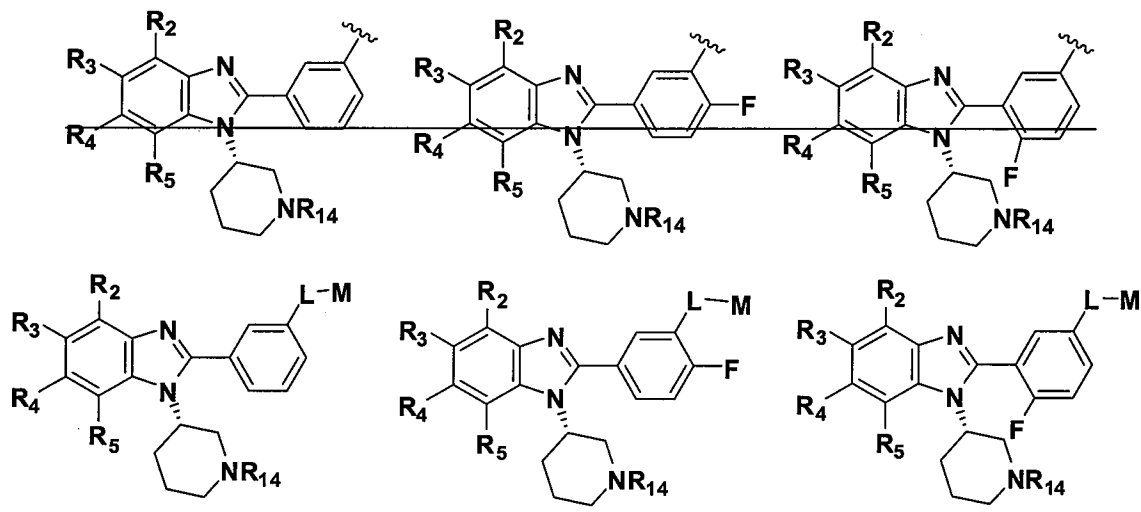


and L is E, Z or mixtures of E/Z $-CH=CH-$.

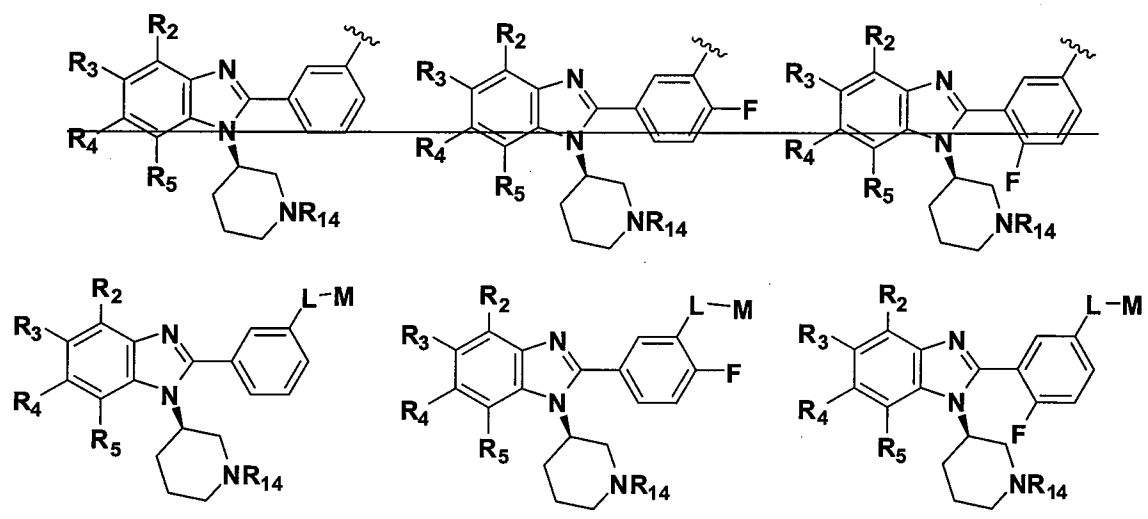
and

L is selected from the group consisting of (E) isomer of $-CH=CH-$, (Z) isomer or $-CH=CH-$, and mixtures of (E) and (Z) isomers of $-CH=CH-$.

134. (Currently amended) ~~[[A]]~~The compound according to claim 133, wherein the compound ~~comprises~~ consists of a formula selected from the group consisting of



135. (Currently amended) ~~[[A]]~~The compound according to claim 133, wherein the compound ~~comprises~~ consists of a formula selected from the group consisting of



136. (Currently amended) ~~[[A]]~~The compound according to claim 133, wherein R₁₄ ~~comprises~~ a member is selected from the group consisting of hydrogen and a substituent that is convertible *in vivo* to hydrogen.

137. (Currently amended) [[A]]The compound according to claim 133, wherein R₁₄ is a substituted or unsubstituted C₁₋₆ alkyl.

138. (Currently amended) [[A]]The compound according to claim 133, wherein R₁₄ is a substituted or unsubstituted -C(O)C₁₋₆ alkyl.

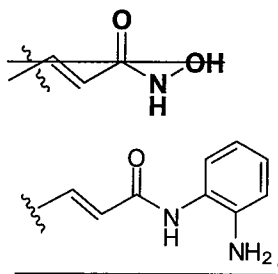
139. (Currently amended) [[A]]The compound according to claim 133, wherein R₁₄ is selected from the group consisting of H, methyl, ethyl, propyl, isopropyl, butyl, acetyl, and BOC.

140. (Currently amended) [[A]]The compound according to claim 133, wherein at least one of R₂, R₃, R₄, or R₅ is fluoro.

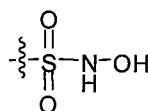
141-142. (Cancelled)

143. (Currently amended) [[A]] The compound according to claim 133, wherein M ~~comprises~~ is a hydroxamic acid moiety.

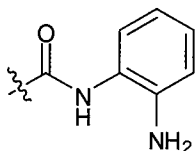
144. (Currently amended) [[A]] The compound according to claim 133, wherein -L-M is



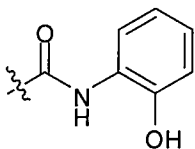
145. (New) The compound according to claim 109, wherein M is



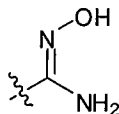
146. (New) The compound according to claim 109, wherein M is



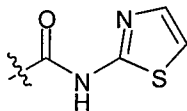
147. (New) The compound according to claim 109, wherein M is



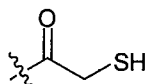
148. (New) The compound according to claim 109, wherein M is



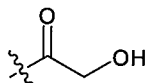
149. (New) The compound according to claim 109, wherein M is



150. (New) The compound according to claim 109, wherein M is



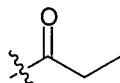
151. (New) The compound according to claim 109, wherein M is



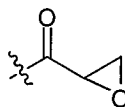
152. (New) The compound according to claim 109, wherein M is



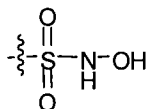
153. (New) The compound according to claim 109, wherein M is



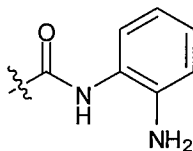
154. (New) The compound according to claim 109, wherein M is



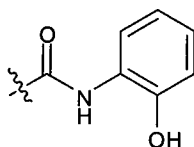
155. (New) The compound according to claim 121, wherein M is



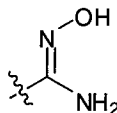
156. (New) The compound according to claim 121, wherein M is



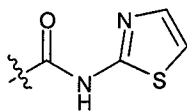
157. (New) The compound according to claim 121, wherein M is



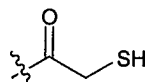
158. (New) The compound according to claim 121, wherein M is



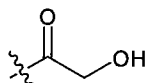
159. (New) The compound according to claim 121, wherein M is



160. (New) The compound according to claim 121, wherein M is



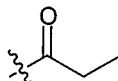
161. (New) The compound according to claim 121, wherein M is



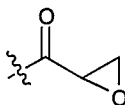
162. (New) The compound according to claim 121, wherein M is



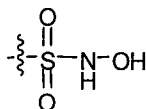
163. (New) The compound according to claim 121, wherein M is



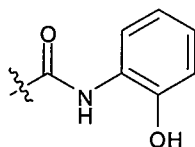
164. (New) The compound according to claim 121, wherein M is



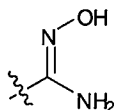
165. (New) The compound according to claim 121, wherein M is



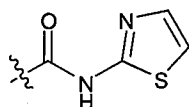
166. (New) The compound according to claim 133, wherein M is



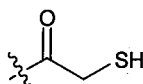
167. (New) The compound according to claim 133, wherein M is



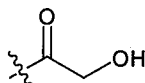
168. (New) The compound according to claim 133, wherein M is



169. (New) The compound according to claim 133, wherein M is



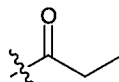
170. (New) The compound according to claim 133, wherein M is



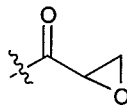
171. (New) The compound according to claim 133, wherein M is



172. (New) The compound according to claim 133, wherein M is



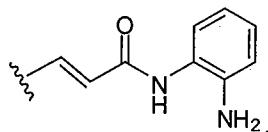
173. (New) The compound according to claim 133, wherein M is



174. (New) The compound according to claim 109, wherein the 0-10 atoms which provide the separation are all carbon atoms.

175. (New) The compound according to claim 121, wherein the 2-10 atoms which provide the separation are all carbon atoms.

176. (New) The compound according to claim 109, wherein -L-M is



177. (New) The compound according to claim 121, wherein -L-M is

